

MITSUBISHI MARINE

S6A3

OUTPUT MARINE PROPULSION 360~435 kW



MARINE PROPULSION ENGINES

Economic Operation

All Mitsubishi engines are designed and built to deliver performance, dependability and fuel efficiency. From the combustion chamber design to the fuel injection technology, to the turbocharger and the advanced cooling system...everything has been perfectly balanced to provide highly reliable operation and optimum fuel consumption across the entire power curve.

Easy Maintenance

With Mitsubishi's S6A3 marine engine, maintenance is very easy. Each cylinder has its own cylinder head and the engine has large inspection covers on the crankcase. No auxiliary component requires separate lubrication, whether it's the fuel injection pump, governor, water pump or the turbocharger.

Approved by All Major Classification Societies

At our ISO certified manufacturing facilities, every Mitsubishi S6A3 diesel engine is built to meet the highest quality standards, as recognized by Lloyd's Register of Shipping and other major international marine classification societies.

Environmental Compatibility

Mitsubishi offers a full line-up of engines that comply with IMO and EPA emissions standards.

Local Support Around The Globe

A team of support specialists is available worldwide to ensure that service and maintenance are performed without delay.

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MITSUBISHI MARINE

S6A3

-Y2MPTK



EPA CERTIFIED

Photos may show optional equipment

Type

4-cycle, watercooled, turbocharged diesel engine
MPTK with intercooler, cooled by fresh water of max 38°C

Combustion System configuration

Direct Injection
In-Line, 6-Cylinder

Bore x Stroke - inches (mm)

5.91 (150) x 6.89 (175)

Total Displacement - in³ (ltr)

1,133 (18.56)

Compression Ratio

14.5 : 1

Rotation

SAE Standard (Counter-Clockwise Viewed from Flywheel End)

Starting System

Electric Motor, 24 Volt - 6.0kW

Flywheel

SAE 14

Flywheel Housing

SAE #1

Fuel Oil

ASTM D975, No. 1-D, No. 2-D

Dry Weight - lbs (kg)

4190 (1900)

Output Marine Propulsion



Heavy Duty

Medium Duty

Light Duty

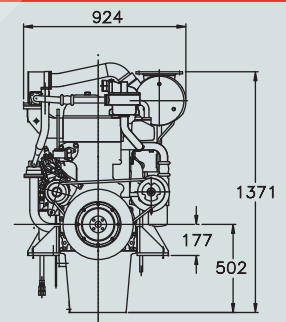
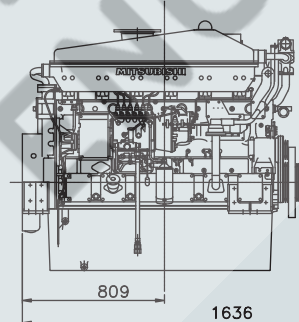
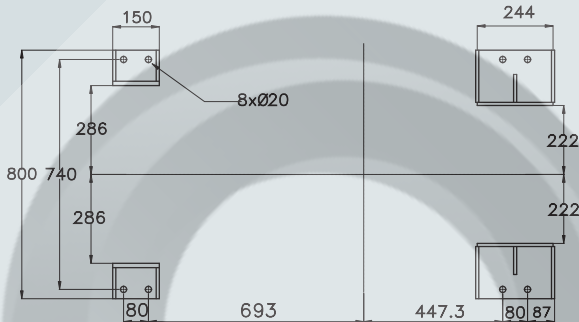
HP (kWm) @ RPM

483 (360) @ 1840

529 (395) @ 1900

583 (435) @ 1960

Dimensions in millimeters (1 inch = 25.4mm)



General dimensions are for reference only; not to be used for installation. See specific model drawings for further details.

Outside Dimensions

Standard Engine Equipment

Fuel System

Flexible fuel supply and return hoses, fuel feed pump, fuel filters, fuel injection pump, double-wall fuel injection lines, fuel injectors, overflow valve

Lubricating Oil System

Wet type oil pan with inspection covers, oil pressure pump (gear driven), full-flow lubricating oil filters, by-pass filter, oil cooler with thermostat, piston cooling through oil injectors

Cooling System

Fresh water pump, thermostats with by-pass (Fresh water must be specified prior to ordering)

24 Volt Electric System Earth Floated

Starter motor, battery charging alternator (35 amp), energize-to-stop (ETS) stop solenoid

Air Intake and Exhaust System

Mitsubishi turbocharger with vertical exhaust outlet, air inlet silencer with pre-cleaner, inlet air aftercooler or intercooler, inlet manifold, fresh water cooled exhaust manifold.

General

Mechanical governor, mounting brackets, SAE standard flywheel and housing, torsional vibration damper, parts catalog and owners manual

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